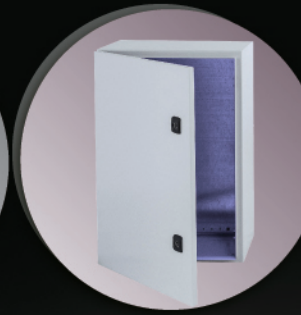




AL AMAZON INDUSTRIES.LLC

SPECIALIZED MANUFACTURER OF ENCLOSURES



*The Trusted
Key Solution for
Enclosures*



About Us...

“We are one of the largest supplier of Electrical Enclosures in the Middle East.

We manufacture according to ADDC, DEWA, SEWA and FEWA specifications.

We make sheet steel, Aluminum and stainless steel enclosures as per clients requirement”.

The plant is equipped with comprehensive and modern technology machineries which are comprised of punching, Bending, Shearing and PU gasket Foam sealing type machine and is endowed with a powder coating plant to produce quality products at international standards.

The products which are being manufactured are of varied sizes with different innovative designs. So, in order to meet these challenges, we believe in integrated activity and continuous up gradation in our manufacturing technologies. The company has sharply risen since 2012 through unrestricted engagement of employees and has the stability to respond to the unique characteristics of each project and focusing design. Since the establishment, the company always preferred innovative technology as it base to produce premium products whilst complete cognizance is taken in packaging and delivery methods. This, we assume, will make us possible in our endeavor to maintain continuity of supply to our valued customers and develop new business links.

Amazon has highly capable and flexible workforce, who continuously strive for perfection and improvement in every aspect of the company and have built it's reputation for exceptional quality and customer service. All the materials which are being used are of varied international standards and from renowned manufacturers. We think the most treasured assets of the company are dedicated and motivated workforce and of course the satisfied customers.



ROW TYPE DISTRIBUTION BOARDS, IP-41

- Amazon row type DB's are made of galvanized/electro-galvanized steel sheets and are powder coated with RAL 7035 Texture finish.
- They are available in surface and flush type mounting designs.
- DB is provided with an adequate gutter space for easy wiring with knock-outs on top and bottom for conduit or cable entry.
- Earth bars and multi split N-bars can be fixed directly on the chassis in adequate length.



ROW TYPE DISTRIBUTION BOARD, IP 41							
PRODUCT RANGE							
FLUSH TYPE							
Product Code	Door Type	Dimension (MM)			Steel Thickness (MM)		
		Rows	H	W	D	Encl	Door
AMZ - 16Moudle	Single	1 Row	320	460	115	1.0	1.0
AMZ - 32Moudle	Single	2 Row	470	460	115	1.0	1.0
AMZ - 48Moudle	Single	3 Row	620	460	115	1.0	1.0
AMZ - 64Moudle	Single	4 Row	770	460	115	1.2	1.2
AMZ - 80Moudle	Single	5 Row	920	460	115	1.2	1.2
AMZ - 96Moudle	Single	6 Row	1070	460	115	1.2	1.2
SURFACE TYPE							
Product Code	Door Type	Dimension (MM)			Steel Thickness (MM)		
		Rows	H	W	D	Encl	Door
AMZ - 16Moudle	Single	1 Row	310	450	115	1.0	1.0
AMZ - 32Moudle	Single	2 Row	460	450	115	1.0	1.0
AMZ - 48Moudle	Single	3 Row	610	450	115	1.0	1.0
AMZ - 64Moudle	Single	4 Row	760	450	115	1.2	1.2
AMZ - 80Moudle	Single	5 Row	910	450	115	1.2	1.2
AMZ - 96Moudle	Single	6 Row	1060	450	115	1.2	1.2

WALL MOUNTED ENCLOSURE (SMALL SIZE), IP-55

- Small type enclosures are manufactured in galvanized/electro-galvanized steel sheet and are electro-statically powder coated with RAL 7032 Texture finish.
- Doors are fitted with concealed hinges and sealed with polyurethane foam gasket for dust and waterresistance.
- Rear wall of the enclosure is provided with wall fixing holes.
- The mounting plate is prepared for optimum utilization of enclosure space and is held by strong studs/bolts.



WALL MOUNTED ENCLOSURE (SMALL SIZE), IP 55

PRODUCT RANGE

Product Code	Door Type	Dimension (MM)			Usable Depth in mm	M Plate Dimensions		Steel Thickness mm		
		H	W	D		H	W	Encl	Door	M.Plates
AMZ-252015	Single	250	200	150	125	175	140	1	1	1.5
AMZ-302515	Single	300	250	150	125	225	190	1	1	1.5
AMZ-403020	Single	400	300	200	175	325	240	1	1	1.5
AMZ-504020	Single	500	400	200	175	425	340	1	1	1.5
AMZ-505020	Single	500	500	200	175	425	440	1	1	1.5
AMZ-605020	Single	600	500	200	175	525	440	1	1	1.5
AMZ-606020	Single	600	600	200	175	525	540	1	1	1.5
AMZ-705020	Single	700	500	200	175	625	440	1.2	1.2	1.5
AMZ-806020	Single	800	600	200	175	725	540	1.2	1.2	1.5
AMZ-808020	Single	800	800	200	175	725	740	1.2	1.2	2.0
AMZ-808025	Single	800	800	250	225	725	740	1.2	1.2	2.0
AMZ-808030	Single	800	800	300	275	725	740	1.2	1.2	2.0

ENCLOSURE LARGE SIZE, IP-55

- Large size enclosures are of galvanized/electro-galvanized steel sheet and are powder coated with RAL 7032 Texture finish.
- Enclosure is supplied with a detachable semi-concealed hinges with 120° opening angle and are fitted with neoprene gasket.
- A large cable passage area is provided by a removable gland plates.
- The mounting plate of the enclosure is painted with RAL 2000 smooth.
- The doors of the enclosure are equipped with lock which ensures that the doors are firmly locked.



ENCLOSURE LARGE SIZE, IP-55

PRODUCT RANGE

Product Code	Door Type	Dimension (MM)			Usable Depth in mm	M Plate Dimensions		Steel Thickness mm		
		H	W	D		H	W	End	Door	M.Plates
AMZ-146025	Single	1400	600	250	225	1300	500	1.5	1.5	2.0
AMZ-146030	Single	1400	600	300	275	1300	500	1.5	1.5	2.0
AMZ-148025	Single	1400	800	250	225	1300	700	1.5	1.5	2.0
AMZ-148030	Single	1400	800	300	275	1300	700	1.5	1.5	2.0
AMZ-141025	Single	1400	1000	250	225	1300	900	1.5	1.5	2.0
AMZ-141030	Single	1400	1000	300	275	1300	900	1.5	1.5	2.0
AMZ-141230	Double	1400	1200	300	275	1300	1100	1.5	1.5	2.5
AMZ-166030	Single	1600	600	300	275	1500	500	1.5	1.5	2.0
AMZ-168030	Single	1600	800	300	275	1500	700	1.5	1.5	2.0
AMZ-161025	Single	1600	1000	250	225	1500	900	1.5	1.5	2.0
AMZ-161030	Single	1600	1000	300	275	1500	900	1.5	1.5	2.0
AMZ-161230	Double	1600	1200	300	275	1500	1100	1.5	1.5	2.5
AMZ-161240	Double	1600	1200	400	375	1500	1100	1.5	1.5	2.5
AMZ-186030	Single	1800	600	300	275	1700	500	1.5	1.5	2.0
AMZ-188030	Single	1800	800	300	275	1700	700	1.5	1.5	2.0
AMZ-181040	Single	1800	1000	400	325	1700	900	1.5	2	2.0
AMZ-181240	Double	1800	1200	400	375	1700	1100	2	2	2.0
AMZ-181440	Double	1800	1400	400	375	1700	1300	2	2	2.5
AMZ-181640	Double	1800	1600	400	375	1700	1500	2	2	2.5

EXTENDABLE TYPE ENCLOSURE, IP-54

- Our enclosures are manufactured in varied sizes with galvanized/electro-galvanized steel sheets and are powder coated with RAL 7032 Texture finish.
- The enclosures are easily attachable to any width for the most demanding main applications.
- Doors are provided with continuous polyurethane foam gasket, sealed to ensure a degree of protection.
- The rear and side covers can be easily removed
- A large cable entry area is provided through detachable gland plates.
- Mounting plates can be fixed to any depth facilities easy installation of components and are electro-statically powder coated with RAL 2000 smooth.



EXTENDABLE ENCLOSURES, IP 54

PRODUCT RANGE

Product Code	Door Type	Dimension (MM)			Usable Depth in mm	M Plate	Dimensions		Steel Thickness mm		
		H	W	D			H	W	Encl	Door	M.Plates
AMZ-EXT-206060	Single	2000	600	600	545	1860	492	2.0	2.0	2.0	
AMZ-EXT-208060	Single	2000	800	600	545	1860	692	2.0	2.0	2.5	
AMZ-EXT-201060	Single	2000	1000	600	545	1860	892	2.0	2.0	2.5	
AMZ-EXT-201260	Double	2000	1200	600	545	1860	1092	2.0	2.0	2.5	
AMZ-EXT-206080	Single	2000	600	800	745	1860	492	2.0	2.0	2.0	
AMZ-EXT-208080	Single	2000	800	800	745	1860	692	2.0	2.0	2.5	
AMZ-EXT-201080	Single	2000	1000	800	745	1860	892	2.0	2.0	2.5	
AMZ-EXT-201280	Double	2000	1200	800	745	1860	1092	2.0	2.0	2.5	

ENCLOSURES OF FORM IV, IP - 54

- Form IV enclosures are designed according to client's requirement.
- Our enclosures are manufactured in various sizes with galvanized/electro-galvanized steel sheets and are powder-coated with RAL 7032 Texture finish.
- The enclosures are easily attachable to any width for the most demanding main applications.
- Doors are provided with continuous polyurethane foam gasket, sealed to ensure a degree of protection.
- The rear and side covers can be easily removed and a large cable entry area is provided through detachable gland plates.
- Form IV is manufactured in such a way, to avoid contact with internal live parts and compartments and there is internal separation of the bus bar system from functional units from one another.



SINGLE WALL ALUMINUM ENCLOSURE, IP 55

- Enclosures are being manufactured with corrosion resistant Aluminum sheets and are powder coated with RAL 7032 Texture finish.
- Doors are provided with detachable fiber reinforced polyester hinges with 180° opening angle.
- Enclosures are fitted with superior quality of gaskets keeping in view of climatic conditions.
- A distinctive Z-rail on the rear wall of the enclosure has rivet nuts for fixing a full mounting plate.



SINGLE WALL ALUMINIUM ENCLOSURE , IP 55

PRODUCT RANGE

Product Code	Door Type	Dimension (MM)			Usable Depth in mm	M Plate Dimensions		Steel Thickness mm		
		H	W	D		H	W	Encl	Door	M.Plates
AAS - 705025	Single	700	500	250	200	625	415	3	3	2.0
AAS - 806025	Single	800	600	250	200	725	515	3	3	2.0
AAS - 108025	Single	1000	800	250	200	925	715	3	3	2.0
AAS - 121030	Single	1200	1000	300	250	1000	915	3	3	2.5
AAS - 121230	Double	1200	1200	300	250	1000	1100	3	3	2.5
AAS - 141035	Single	1400	1000	350	300	1200	915	3	3	2.5
AAS - 141235	Double	1400	1200	350	300	1200	1100	3	3	2.5
AAS - 151235	Double	1500	1200	350	300	1300	1100	3	3	2.5
AAS - 161035	Single	1600	1000	350	300	1400	900	3	3	2.5
AAS - 181040	Single	1800	1000	400	350	1600	900	3	3	2.5

DOUBLE WALL ALUMINUM ENCLOSURE, IP 55

- Our double wall aluminum enclosures are made of corrosion resistant Aluminum Sheets and are powder coated with RAL 7032 Texture finish.
- The system is completely ventilated having an airflow in-between the outer and inner cabinet. The air flow sucks the warm air from the cabinet by Ventures Effect, significantly lowering the interior temperature and thus protecting the interior sensitive electrical components.
- Doors are fitted with suitable hinges with 180° opening angle and are provided with high quality gaskets which are resistant to environmental temperature, humidity and salinity.
- The integrated canopy reduce the interior temprature of the enclosure due to the 20mm air gap between two layers.



DOUBLE WALL ALUMINIUM ENCLOSURE , IP 55

PRODUCT RANGE

Product Code	Door Type	Dimension (MM)			Usable Depth in mm	M Plate Dimensions		Steel Thickness mm		
		H	W	D		H	W	Encl	Door	M.Plate
AAD - 705025	Single	700	500	250	200	525	415	3	3	2.0
AAD - 806025	Single	800	600	250	200	625	515	3	3	2.0
AAD - 108025	Single	1000	800	250	200	825	715	3	3	2.0
AAD - 121030	Single	1200	1000	300	250	1000	915	3	3	2.5
AAD - 121235	Double	1200	1200	350	300	1000	1100	3	3	2.5
AAD - 141035	Single	1400	1000	350	300	1200	915	3	3	2.5
AAD - 141235	Double	1400	1200	350	300	1200	1100	3	3	2.5
AAD - 151235	Double	1500	1200	350	300	1300	1100	3	3	2.5
AAD - 168035	Single	1600	800	350	300	1400	715	3	3	2.5
AAD - 161035	Single	1600	1000	350	300	1400	915	3	3	2.5
AAD - 188040	Single	1800	800	400	350	1600	715	3	3	2.5
AAD - 181040	Single	1800	1000	400	350	1600	915	3	3	2.5

CONTROL DESK, IP - 54

- Amazon's control desks are of galvanized/electro-galvanized steel sheet and are powder coated with RAL 7032 Texture finish.
- They are being manufactured taking in view of all the climatic conditions and are vigilantly observed at all the process to ensure product quality.
- Doors of the control desk are equipped with semi concealed hinges and a continuous polyurethane foamed gaskets, sealed to ensure a degree of protection.
- Back doors are easily removable and mounting plates are easily adjustable for any depth. They have detachable lower aide panels.



CONTROL DESK. IP-54

PRODUCT RANGE

Product Code	Door Type	Dimension (MM)			Usable Depth in mm	M Plate Dimensions		Steel Thickness mm		
		H	W	D		H	W	Encl	Door	M.Plates
AMZ-CD - 108040	Single	1000	800	400	300	925	700	1.5	1.5	2.0
AMZ-CD - 121060	Single	1200	1000	600	500	1000	900	2.0	2.0	2.0
AMZ-CD - 141080	Single	1400	1000	800	700	1200	900	2.0	2.0	2/2.5
AMZ-CD - 161280	Double	1600	1200	800	700	1400	1100	2.0	2.0	2/2.5
AMZ-CD - 181480	Double	1800	1400	800	700	1600	1300	2.0	2.0	2/2.5

RACKING SYSTEM FOR IT & TELECOMMUNICATION

- They are specially designed to suite the requirements of the IT and communication departments.
- It is being manufactured with galvanized/electro-galvanized steel sheets and are electro statically powder coated with RAL 7032 Texture finish. which makes them highly corrosion resistant.
- They are uniquely designed to reduce the interior temperature, thus protecting the inner sensitive equipments.
- The doors of this system are equipped with high quality rubber gaskets and are provided by removable semi-concealed hinges with 130° opening angle.
- The front door of the system is fitted with a lock, which assures that the doors are shut completely and is equipped with the keys to evade any type of theft.



ENCLOSURE IN STAINLESS STEEL, IP- 55

- These types of enclosures are manufactured in varied sizes in stainless steel sheets and are powder coated with RAL 7032 Texture or Buffed finish.
- Doors are fitted with semi-concealed hinges and a continuous polyurethane foam gasket is sealed to ensure a degree of protection.
- Mounting plates are made in different thickness depending upon the requirement as well as in standard thickness of sheet and they are powder coated with RAL 2000 Smooth.
- A large cable entry area is provide through a removable gland plates.
- Enclosure can be provide with a canopy on client's request.
- The enclosure is welded firmly to withstand all operating needs and special environmental conditions.



ENCLOSURE IN STAINLESS STEEL, IP 55

PRODUCT RANGE

Product Code	Door Type	Dimension (MM)			Usable Depth in mm	M Plate Dimensions		Steel Thickness mm		
		H	W	D		H	W	Encl	Door	Plate
AMZ -SS - 302515	Single	300	250	150	100	225	165	1.2	1.2	1.5
AMZ -SS - 403020	Single	400	300	200	150	325	215	1.5	1.5	2.0
AMZ -SS - 504020	Single	500	400	200	150	425	315	1.5	1.5	2.0
AMZ -SS - 605020	Single	600	500	200	150	525	415	1.5	1.5	2.0
AMZ -SS - 806020	Single	800	600	200	150	725	515	1.5	1.5	2.0
AMZ -SS - 106030	Single	1000	600	300	250	900	515	2.0	2.0	2.0
AMZ -SS - 121030	Single	1200	1000	300	250	1100	900	2.0	2.0	2.0
AMZ -SS - 121230	Double	1200	1200	300	250	1100	1100	2.0	2.0	2.0
AMZ -SS - 141030	Single	1400	1000	300	250	1300	900	2.0	2.0	2.0
AMZ -SS - 161030	Single	1600	1000	300	250	1500	900	2.0	2.0	2.0
AMZ -SS - 161230	Double	1600	1200	300	250	1500	1100	2.0	2.0	2.5
AMZ -SS - 188040	Single	1800	800	400	350	1700	700	2.0	2.0	2.5
AMZ -SS - 181040	Single	1800	1000	400	350	1700	900	2.0	2.0	2.5
AMZ -SS - 181240	Double	1800	1200	400	350	1700	1100	2.0	2.0	2.5
AMZ -SS - 201040	Single	2000	1000	400	350	1900	900	2.0	2.0	2.5

PACKAGE SUBSTATION IN STEEL & ALUMINUM









- Our package substation are manufactured with galvanized/electro-galvanized steel sheets and electro statically powder coated with RAL 7032 Texture finish.
- They are corrosion resistant and are built to withstand environmental temperature, humidity and salinity.
- Substations are ideally designed, which enables it to be assembled with the transformers, Ring main unit or the Switchgear unit.
- They are assembled and tested to provide an aesthetically pleasing close coupled assembly, reducing installation time and cost.
- The substation contains 3 main compartments for transformer, MV Switchgear & LV Switchgear. The compartments are segregated by partition sheets.
- They are provided with gas spring stoppers and with heavy duty hinges to avoid distortion and mis-alignment.
- The substations are duly fitted with doors along with swing handle lock for secure locking.



DESIGNATION OF THE INGRESS PROTECTION (IP)

- The ingress protection (IP) for enclosures up to 1000 V a.c. is defined in standards IEC 529-19889, EN 60529, DIN VDE 0470 Part 1.11.92, B.S. 5490-1985 and NFC 20-010
- The IP code characterizes the ability of enclosures to withstand external influences.
- As per latest DIN VDE 0470 it comprises up to 4 digits, depending on the specification relating to such influences.
- The first digit indicates the protection against ingress of solid objects.
- The second digit indicates the protection against ingress of liquids.
- Either digit has to be substituted with an x, if not digits is specified.
- The third digit is an optional letter A, B, C or D and characterizes the access to dangerous part with tools.
- The fourth digit is an optional letter H, M, S or W and characterizes the effect of liquid to dangerous parts.

Protection Against Solied Bodies		
IP	Test	Definition
0		Non - Protected
1		Protection against solid object greater then 50mm
2		Protection against solid object greater then 12mm
3		Protection against solid object greater then 2.5mm
4		Protection against solid object greater then 1.0mm
5		Dust Protected
6		Dust Tight

Protection Against Solied Bodies		
IP	Test	Definition
0		Non - Protected
1		Protection against dripping water
2		Protection against dripping water tilted up tp 15
3		Protection against spraying water
4		Protection against splashing water
5		Protection against water jets
6		Protection from projection of water similar to marine swells
7		Protection against the effect of immersion
8		Protection against the effect of prolonged immersion



Location Map



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